

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-013511**Date Inspected:** 01-May-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Xu Tao**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Hiranch Patel, was present during the times noted above for observations relative to the work being performed.

Bay#19, Bike Path Summary

BK005A-001- Removing of parts was completed. No heat straightening and NDT was performed after removing of the parts.

BK006A-001/002- Removing of parts was completed. No heat straightening and NDT was performed after removing of the parts.

BK004A-005/002- Removing of parts was completed. Heat straightening and NDT was performed after removing of the parts.

BK004A-001- Removing of parts was completed. Heat straightening Completed, no NDT was performed by CT after removing of the parts.

BK004A-007/003- Removing of parts was completed. Heat straightening Completed, no NDT was performed after removing of the parts.

BK004A-004- Removing of parts was completed. Heat straightening Completed, NDT was completed by CT after

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removing of the parts. Fit up (tack weld) of bearing plate completed without installing anchor house assembly.

Bay#19

FCAW welding of weld joint SB007-048-043, 049 located on SB048. Welder is identified as 062749 (2G). ZPMC QC is identified as Xu Tao. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2232-Tc-U4b-F.

FCAW welding of weld joint SB008-048-019, 020 located on SB048. Welder is identified as 062757 (2F). ZPMC QC is identified as Xu Tao. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2132.

FCAW welding of weld joint USPL1-638-001, 002 located on USPL1-638. Welder is identified as 062788 (1G). ZPMC QC is identified as Xu Tao. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2231-Tc-U4b-F.

FCAW welding of weld joint USPL1-639-001, 002 located on USPL1-639. Welder is identified as 062788 (1G). ZPMC QC is identified as Xu Tao. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2231-Tc-U4b-F.

FCAW welding of weld joint USPL1-646-001, 002 located on USPL1-646. Welder is identified as 062752 (1G). ZPMC QC is identified as Xu Tao. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2231-Tc-U4b-F.

FCAW welding of weld joint USPL1-647-001, 002 located on USPL1-647. Welder is identified as 062752 (1G). ZPMC QC is identified as Xu Tao. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2231-Tc-U4b-F.

Unless otherwise noted, all observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Patel,Hiranch	Quality Assurance Inspector
Reviewed By:	McClendon,Timothy	QA Reviewer
